

INCH-POUND
MIL-A-49314/6(CR)
25 June 1991

MILITARY SPECIFICATION SHEET

ANTENNA, UHF SATCOM 9 dBic PORTABLE AS-4220()/G

This specification is approved for use by the Communications - Electronics Command, Department of the Army, and is available for use by all Departments and Agencies of the Department of Defense.

The requirement for acquiring the product described herein shall consist of this specification sheet and the issue of the following specification listed in that issue of the Department of Defense Index of Specifications and Standards (DODISS) specified in the solicitation: MIL-A-49314(CR).

REQUIREMENTS for the 9 dBic gain antenna:

On-axis gain. The antenna gain, when measured at the RF antenna connector shall not be less than:

9 dBic from 225 to 400 MHZ

Plotted on-axis cpi gain. A plot, displaying cpi gain versus frequency, drawn from 225 to 400 MHZ, shall be without discontinuities.

Carrying case. The case shall be closed with a latch and shall have one carrying handle. The case shall have provisions to be carried on belt and/or shoulder.

Package length. The antenna carrying case with all items stored inside shall not exceed a length of 8 inches.

Package weight. The total weight of antenna, tripod, cables, manual and carrying case shall be no greater than 2 pounds and shall not exceed 100 cubic inches.

Custodian:
Army - CR

Preparing Activity:
Army - CR
(Project 5985-A609-3)

AMSC N/A

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FSC 5985

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